

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 56147627
PUBLICATION DATE : 16-11-81

APPLICATION DATE : 16-04-80
APPLICATION NUMBER : 55050129

APPLICANT : MITSUBISHI PAPER MILLS LTD;

INVENTOR : ISHIGURO MAMORU;

INT.CL. : B01J 13/02

TITLE : PREPARATION OF MINUTE MICROCAPSULE

ABSTRACT : PURPOSE: To facilitate preparation of minute microcapsures of uniform grain size, by adding a water-soluble solvent to an aqueous acid solution of a maleic anhydride copolymer in preparing minute microcapsules.

CONSTITUTION: A hydrophobic substance is dispersed into an aqueous acidic solution of a maleic anhydride copolymer, such as styrene-maleic anhydride copolymer to give an emulsion, and a melamine resin precondensate is added to prepare microcapsules under pressure. At that time, a water-soluble solvent, such as acetone or ethanol is added, thus permitting a minutely dispersed and emulsified fluid to be obtained in a short time by the effect of the solvent, and therefore, fine microcapsules of uniform size to be prepared easily.

COPYRIGHT: (C)1981,JPO&Japio